

I claim:

1. A support, for use with an electric lamp having a sealed outer envelope enclosing an environment, a lamp capsule within said environment, a first lead wire and a second lead wire extending through said lamp capsule, a first electrical conductor a second electrical conductor extending through said outer envelope and being electrically connected to said first lead wire and said second lead wire, respectively, and an end-of-life device within said environment and being electrically connected in series with said first lead wire and said first electrical conductor, said support comprising:

a first portion mechanically connectable to said lamp capsule;

a second portion electrically connectable to said first lead wire and to said end-of-life device; and

a third portion electrically connectable to said first electrical conductor and to said end-of-life device, and joining said first portion and said second portion, a section of said third portion being removable to separate, and form a gap between, said second portion and said third portion.

2. The support of claim 1 wherein said lamp capsule is of the type including a stem, and further wherein said first portion comprises opposing walls extending from a base, said opposing walls being structured and arranged to slidably mate with said stem.

3. The support of claim 2 wherein said stem is of the type having one or more locking segment, and further wherein said opposing walls include one or more mating locking segment each which being engageable with a respective locking segment.

4. The support of claim 1 wherein said second portion comprises a first clamp and said third portion comprises a second clamp, and further wherein said end-of-life element is electrically and mechanically connectable to said second portion and said third portion by said first clamp and said second clamp, respectively.

5. The support of claim 1 wherein said second portion comprises a first segment extending from said third portion, and a second segment extending from said first segment, said first lead wire being electrically and mechanically connectable to said second segment and said end-of-life device being electrically and mechanically connectable to said first segment.

6. The support of claim 5 wherein at least a section of said first segment is parallel to said base and at least a section of said second segment is perpendicular to said base.

7. An electric lamp, comprising:

an outer envelope enclosing an environment;
a lamp capsule within said outer environment;

a first lead wire and a second lead wire extending through said lamp capsule;

a first electrical conductor and a second electrical conductor extending through said outer envelope and being electrically connected to said first lead wire and said second lead wire, respectively;

an end-of-life device within said environment and being electrically connected in series with said first lead wire and said second lead wire; and

a support, comprising:

a first portion mechanically connected to said lamp capsule;

a second portion electrically connected to said first lead wire and to said end-of-life device; and

a third portion electrically connected to said first electrical conductor and to said end-of-life device.

8. The electric lamp of claim 7 wherein said lamp capsule includes a stem, and said first portion comprises opposing walls extending from a base and slidably mated with said stem.

9. The electric lamp of claim 8 wherein said stem comprises one or more locking segment, and said opposing walls include one or more mating locking segment each of which engages a respective locking segment.

10. The electric lamp of claim 7 wherein said second portion comprises a first clamp and said third portion comprises a second clamp, said end-of-life device being electrically and mechanically connected to said second portion and said third portion by said first clamp said second clamp, respectively.

11. The electric lamp of claim 7 wherein said second portion comprises a first segment extending from said third portion, and a second segment extending from said first segment, said first lead wire being electrically and mechanically connected to said second segment and said end-of-life device being electrically and mechanically connected to said first segment.

12. The electric lamp of claim 11 wherein at least a section of said first segment is parallel to said base and at least a section of said second segment is perpendicular to said base.

13. The electric lamp of claim 7 wherein said lamp capsule is a tungsten halogen capsule.

14. Method of coupling a lamp capsule and an end-of-life device to a lamp stem having electrical conductors protruding from said stem, comprising the steps of:

attaching a first portion of a support, having a first portion, a second portion and a third portion, to said lamp capsule;

electrically and mechanically connecting a first lead wire of said lamp capsule to said second portion;

removing a section from said third portion forming a gap between said second portion and said third portion;

electrically and mechanically connecting said end-of-life device to said second portion and said third portion, said end-of-life device spanning said gap; and

electrically and mechanically connecting a first electrical conductor protruding from said stem to said third portion and a second electrical conductor protruding from said stem to a second lead wire of said lamp capsule.